



BASIC BLOODSTAIN PATTERN ANALYSIS

APRIL 28 – MAY 2, 2014
08:00 – 16:00 DAILY

This introductory workshop provides investigators with the foundation for study in Bloodstain Pattern Analysis. Participants will examine real case examples of bloodstains, and spend considerable lab time experimenting with whole blood to replicate bloodstains often seen at crime scenes. The workshop will culminate with a series of mock scenes, testing the student's new found knowledge.

This course is designed for law enforcement, criminal investigators, forensic scientists, medicolegal death investigators, and others involved in criminal investigations and crime scene reconstruction.

Upon successful completion, participants will have gained an understanding of how to identify, examine, document, and preserve bloodstain evidence at crime scenes.

**“If You Can Only
Attend One Crime
Scene Class This
Year, You Don’t Want
to Miss This One!”**

**Hosted by the
Everett Police Dept.
1121 SE Everett Mall Way
Everett, WA. 98208**

**Tuition \$450 for 40
Hours of Instruction**

**For More
Information, or to
Attend this Class,
Please Contact:**

Dan Christman
Christman Forensics
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(206) 919-8392
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Course Description The basic bloodstain class is held over five consecutive days, and the course content speaks to those who have no previous working knowledge of bloodstain pattern analysis, math, or physics. The student will learn about:

- The History of Bloodstain Pattern Analysis
- History and Development of Terminology
- SWGSTAIN Terminology
- Health and Safety Precautions
- Properties of Liquid Blood
- Using Scientific Method to Study Bloodstains
- Target Surface Considerations
- Size, Shape and Distribution of Bloodstains
- Understanding and Calculating the Impact Angle
- Understanding and Estimating the Origin of Bloodstain Patterns
- Dripped and Splashed Patterns
- Projected Blood Stains
- Impact Spatter Associated with Blunt Force Trauma
- Impact Spatter Associated with Gunshot Wounds
- Cast-off Bloodstain Patterns
- Expired (Breathed) Bloodstain Patterns
- Transferred and Altered Bloodstains
- Sequencing Bloodstain Evidence
- Identification, Documentation and Preservation of Bloodstain Evidence
- Interpretation and Documentation of Bloodstain Patterns on Clothing

Students Should Bring:

- Scientific Calculator (with sin, cosine, tan functions)
- Note pad, Red and Black pens or pencils.
- Clothing that may be soiled during labs, or a Tyvek jump suit.
- Cameras are strongly encouraged and very helpful if you wish to document experiments.

Instructor Will Provide:

- Laboratory Manual, all lab related supplies and materials.
- Certificate of Completion, describing course dates and hours completed, by the instructor and/or sponsoring agency.

About the Instructor:

Dan Christman is a Sergeant with the Bothell (WA) Police Department. Prior to becoming an officer, he spent fifteen years as a Medicolegal Death Investigator, and attended over 4000 death scenes. Since then, Dan has provided independent expert testimony in several hundred cases outside his jurisdiction.

Dan is a past President of the International Association of Bloodstain Pattern Analysts (IABPA) and he has been retained as a crime scene consultant by jurisdictions in both the United States and Canada where he has qualified as an expert witness in criminal, civil, and military courts to provide expert testimony in Death Investigations, Crime Scene Reconstruction, and Bloodstain Pattern Analysis.

Dan writes and teaches to law enforcement and investigators, and since 1998 has taught Death Investigation to each BLEA Class at the Washington State Criminal Justice Training Commission.